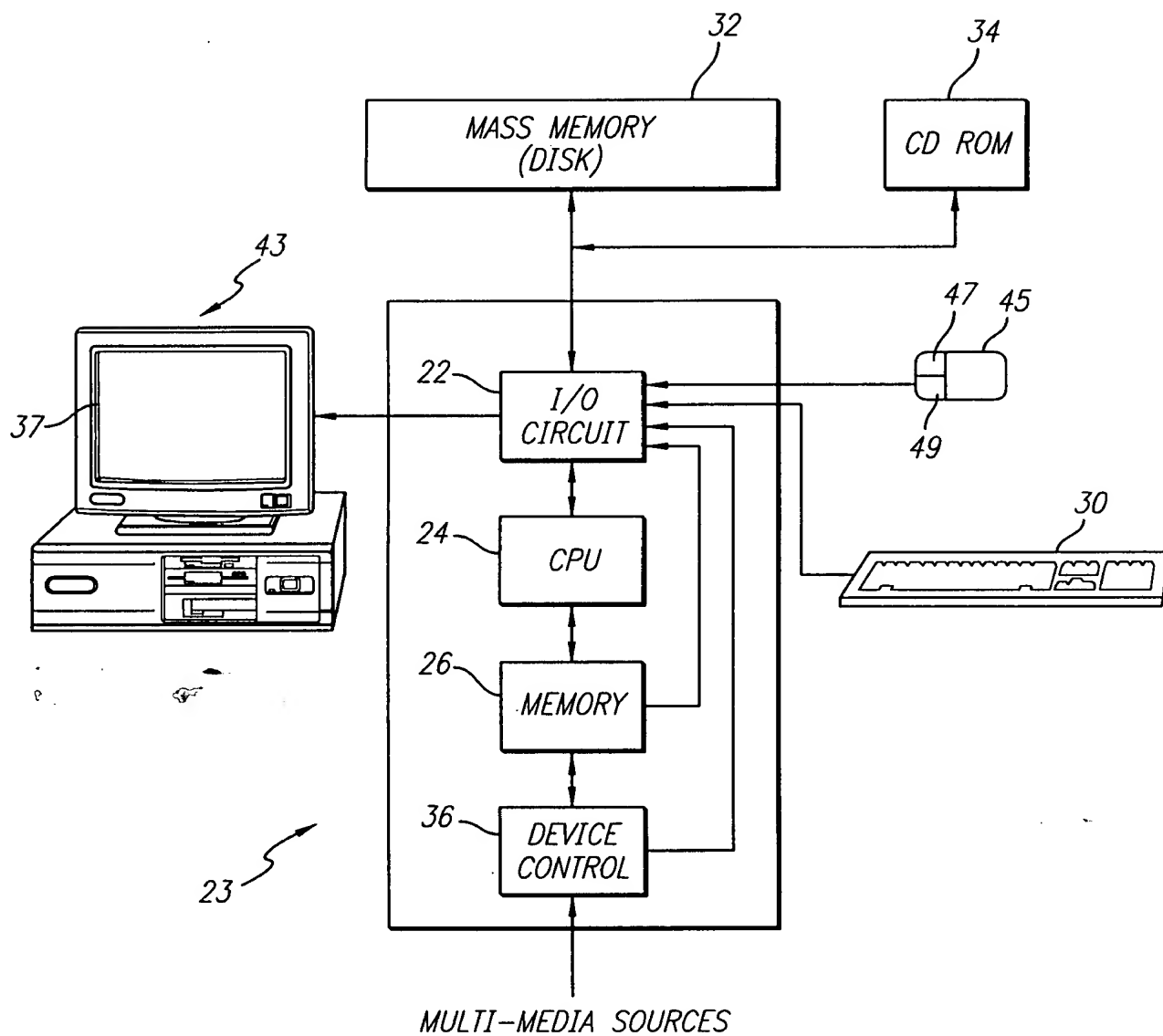


FIG. 1



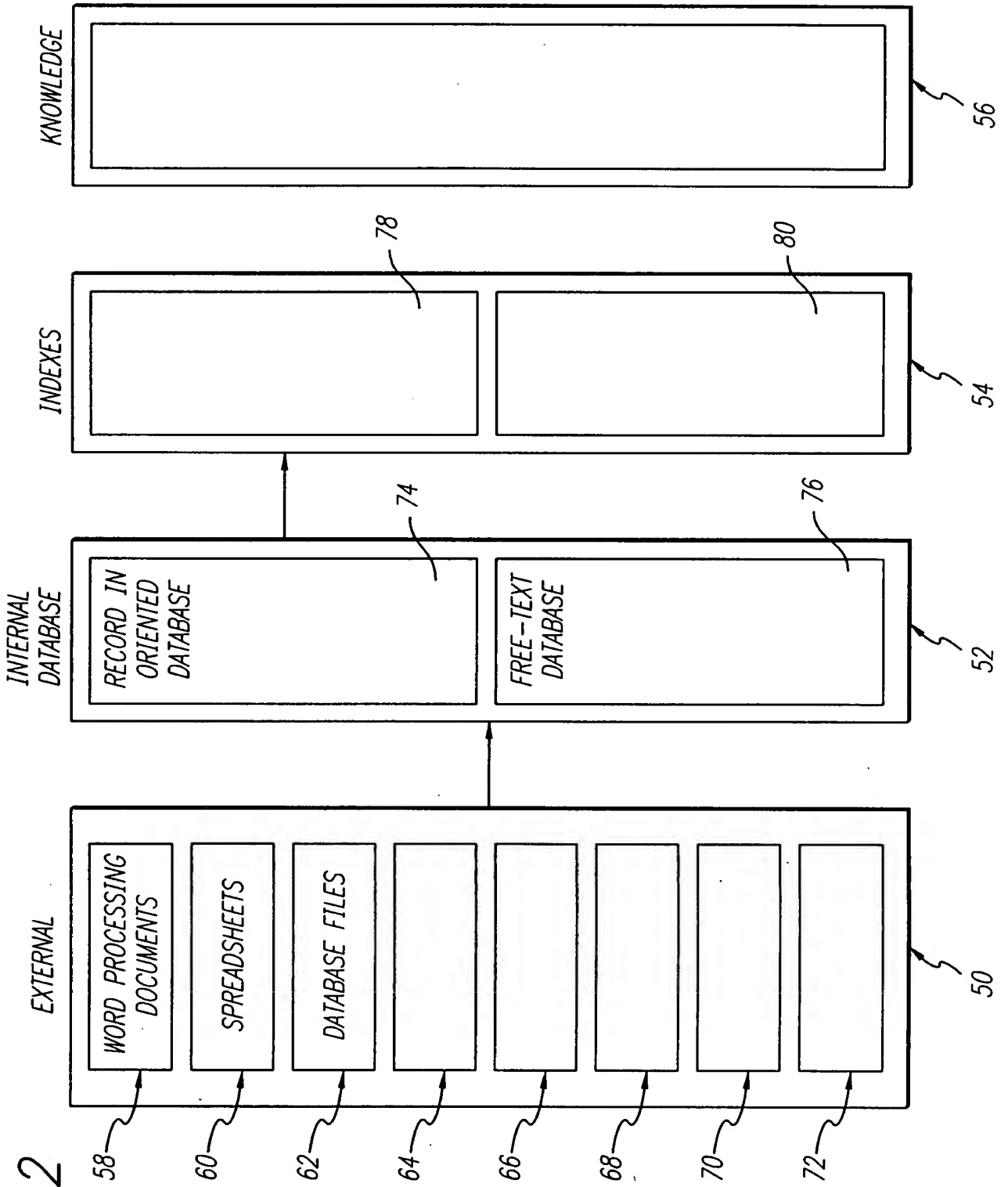


FIG. 2

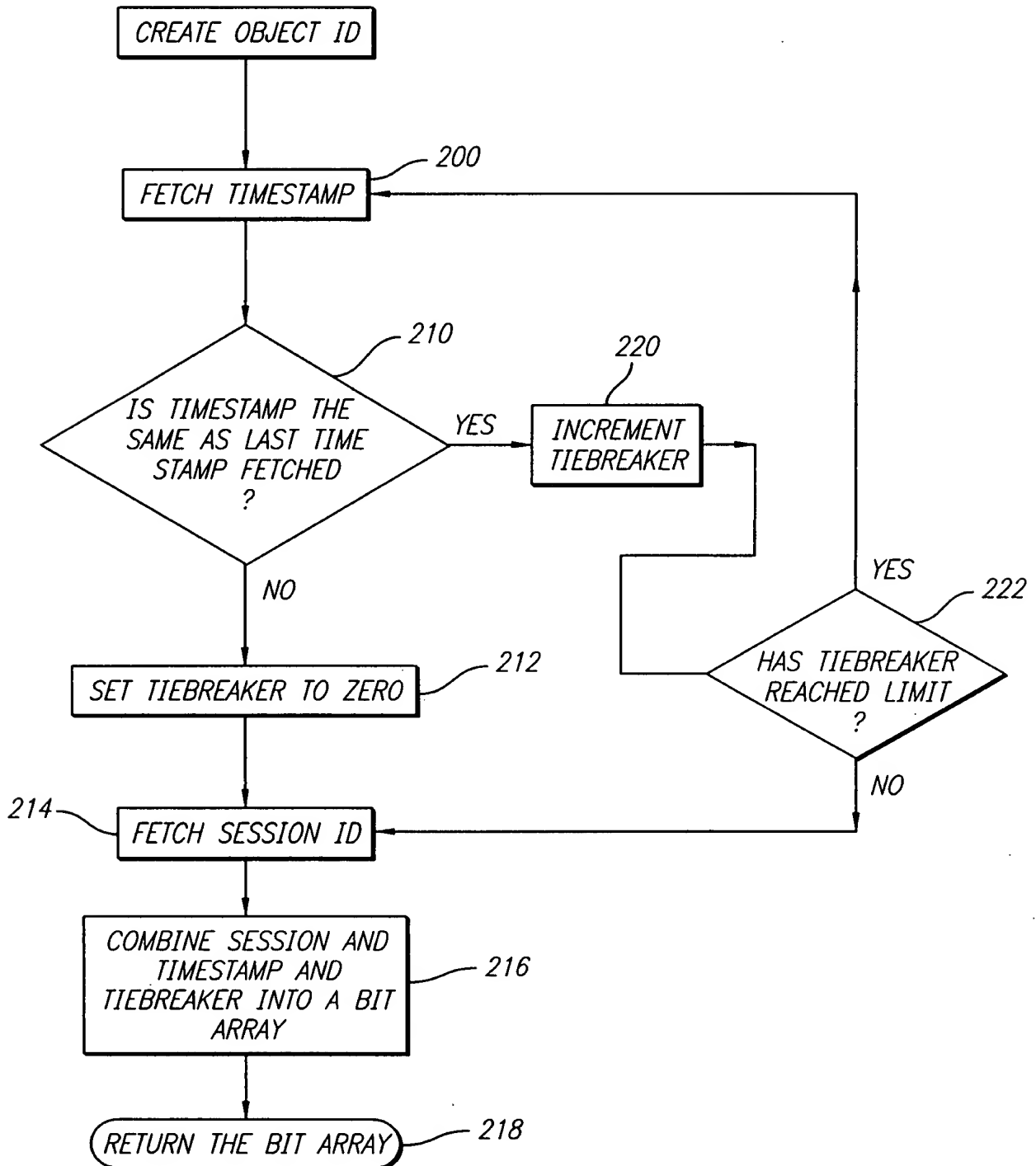
3/20

FIG. 3

108	120	122	130	124	126	132	100
	OBJECT ID	TYPE [#101]	[#1012] LABEL	ADDRESS [#1013]	EMPLOYED BY [#1019]	TITLE [#1033]	AUTHOR [#1032]
110	#1100	#1020 [COMPANY]	DEXIS	117 EAST COLORADO	134 #1100 [DEXIS]	N/A	N/A
138	#1101	#1010 [PERSON]	SCOTT WLASCHIN			N/A	N/A
	#1118	#1030 [BOOK]					#1122
	#1122	#1050 [MEMO]					#1122
	#1127	#1060 [DOCUMENT]		C:\WORD\ PROJ.DOC		PROJECT PLAN	#1101
136	#1019	#210 [FIELD]	EMPLOYED BY				
135	#210	#111 [TYPE]	COLUMN				
140	#111	#111 [TYPE]	TYPE				

4/20

FIG. 4



5/20

OBJECT ID	#1012 [LABEL]	#221 [SEARCH PATH]	#222 [RESTRICT TO TYPE]	#220 [SYNCHRONIZE WITH]
#1019	EMPLOYED BY	\\(ROOT FOLDER)	COMPANY	#1023 [EMPLOYEES]
#1023	EMPLOYEES	\\(ROOT FOLDER)	PERSON	#1019 [EMPLOYED BY]

FIG. 5

OID	#2 [LABEL]	#1019 [EMPLOYED BY]	#1023 [EMPLOYEES]
#1100	DEXIS	NA	#1101 [SCOTT WLASCHIN]; #1102 [LOUISE WANNIER]
#1101	SCOTT WLASCHIN	#1100 [DEXIS]	NA
#1102	LOUISE WANNIER	#1100 [DEXIS]	NA

FIG. 7b

6/20

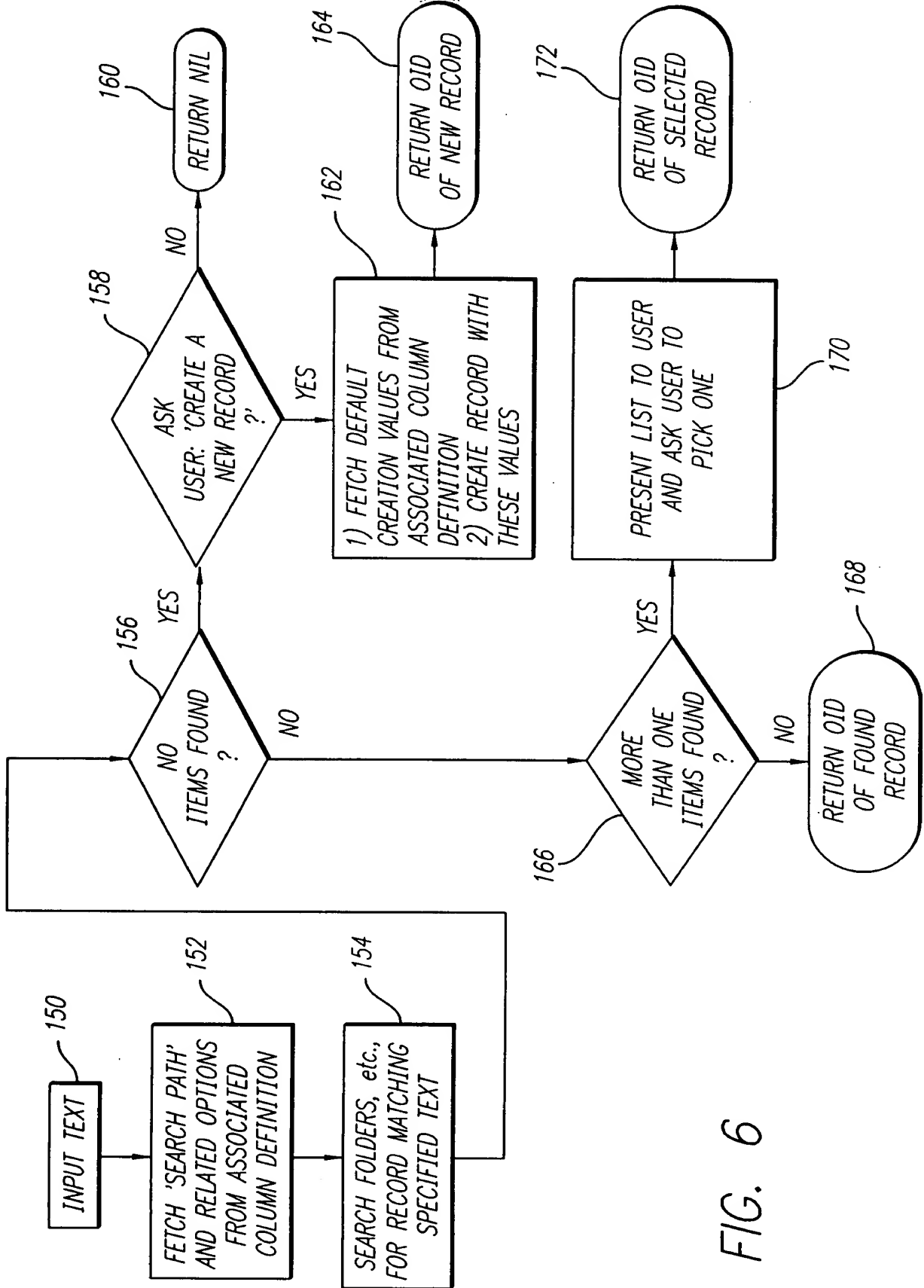


FIG. 6

APPROVED	C.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

7/20

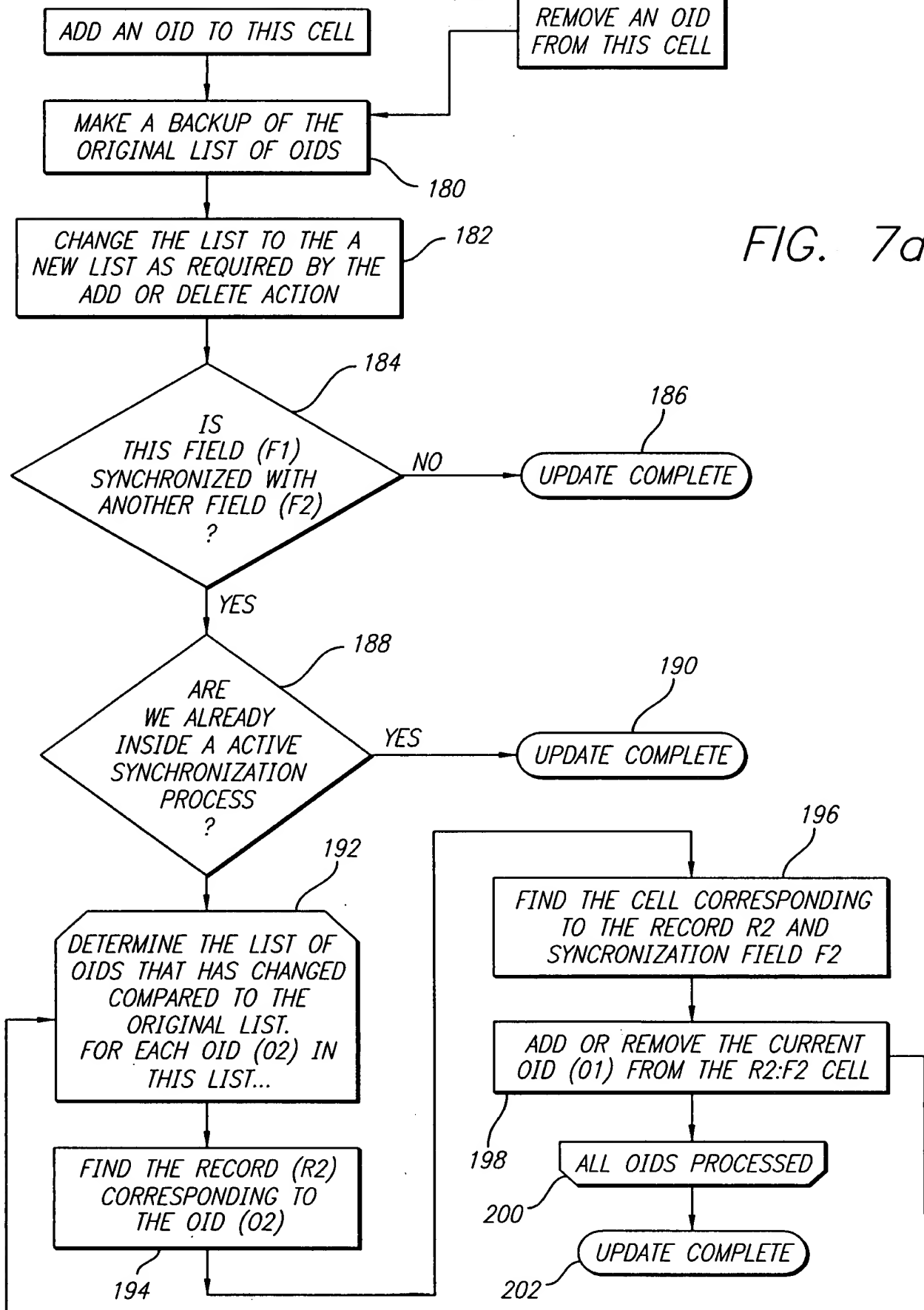


FIG. 7a

APPROVED	CLASS. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

8/20

FIRST NAME	LAST NAME	NAME	
JOHN	SMITH		THE NAME IS FIELD REF FIELD= FIRST NAME X FIELD REF FIELD = 'LAST NAME'

FIG. 8a

FIRST NAME	LAST NAME	NAME	
JOHN	SMITH		fn = FIELD A+ (SELF, FIRST NAME) ln = FIELD A+ (SELF, LAST NAME) RETURN ("THE NAME IS" + fn + ln)

FIG. 8b

9/20

FIG. 9

DEFINITION FOR RECORD
CONTENTS COLUMN

OID	#101 [TYPE]	#2 [LABEL]	#1013 [ADDRESS]	#1019 [EMPLOYED BY]	#801 [RECORD CONTENTS]
#80	COLUMN	RECORD CONTENTS	NA	NA	
#1100	COMPANY	DEXIS	117 E COLORADO	NA	2 [LABEL]; 101 TYPE; 301 [PARENT FOLDER]; 1022 [COMPANY]; 1023 [TYPE OF BUSINESS]; 1013 [ADDRESS]; 1014 [CITY]; 1015 [STATE]; 1017 [PHONE]; 4 [COMMENT].
#1101	PERSON	SCOTT WLASCHIN	777 N CHESTER	#1100	2 [LABEL]; 101 TYPE; 301 [PARENT FOLDER]; 1012 [NAME]; 1013 [ADDRESS]; 1014 [CITY]; 1015 [STATE]; 4 [COMMENT]; 1019 [EMPLOYED BY]
#1118	BOOK	1984	NA	NA	2 [LABEL]; 101 TYPES 301 [PARENT FOLDER]; 1033 [TITLE]; 1032 [AUTHOR]; 4 [COMMENT]

100 RECORD CONTENTS
COLUMN IN USE

120

129

110

138

122

124

125

126

127

FIG. 10

DEFINITIONS FOR
FOLDER RELATED COLUMNS

OBJECTID	#101 [TYPE]	#2 [LABEL]	#301 [PARENT FOLDER]	#320 [FOLDER CHILDREN]
#301	FIELD	PARENT FOLDER	NA	NA
#320	FIELD	FOLDER CHILDREN	NA	NA
#1100	COMPANY	DEXIS	#1070 [CONTACTS]	NA
#1101	PERSON	SCOTT WLASCHIN	#1070 [CONTACTS]	NA
#1070	FOLDER	CONTACTS	NA	1100 [DEXIS]; 1101 [SCOTT WLASCHIN]; 1102 [LOUISE WANNIER]; etc.

FOLDER CHILDREN IN
USE AS AN ATTRIBUTE
OF A FOLDER OBJECT

138

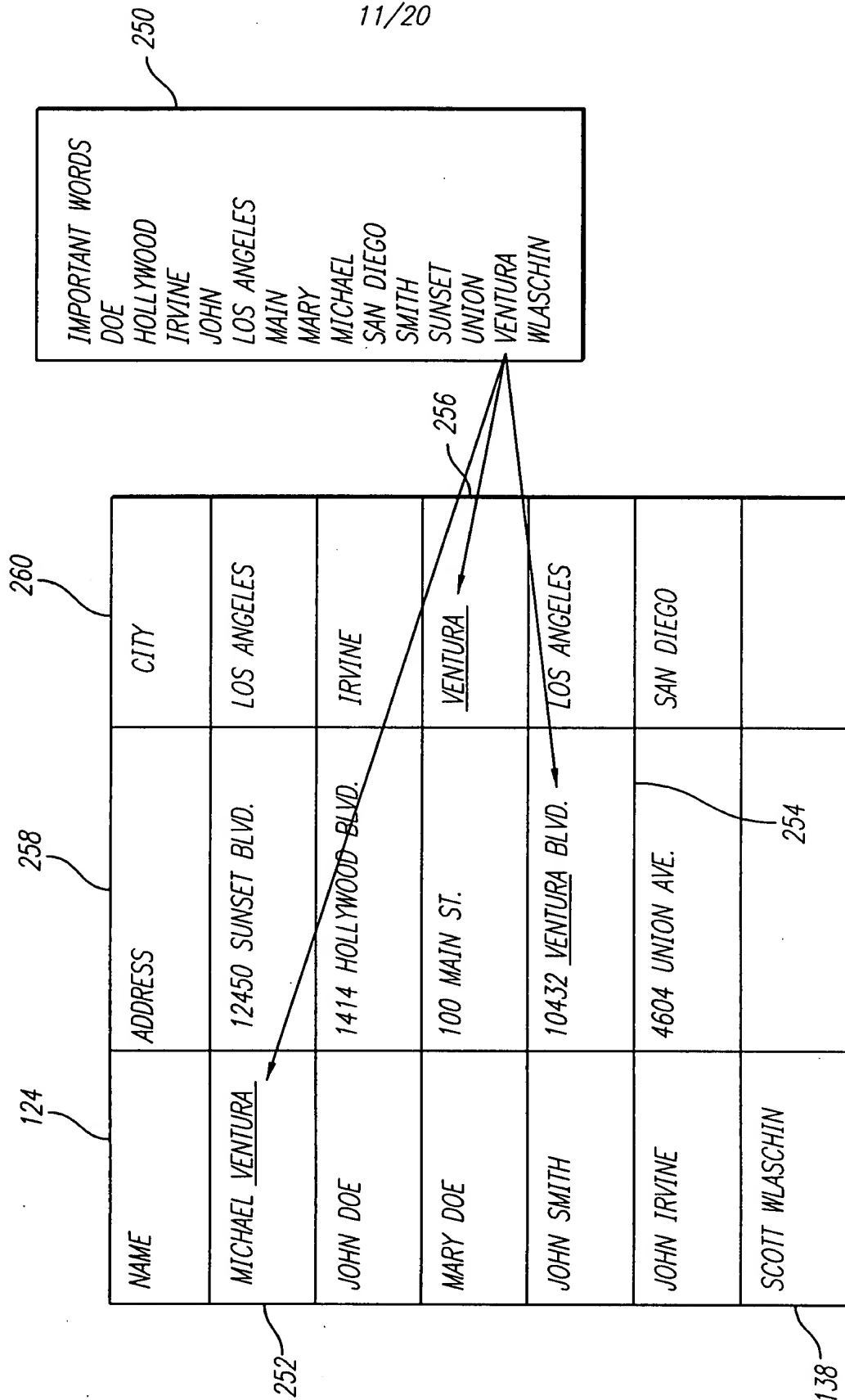
244

242

240

11/20

FIG. 11



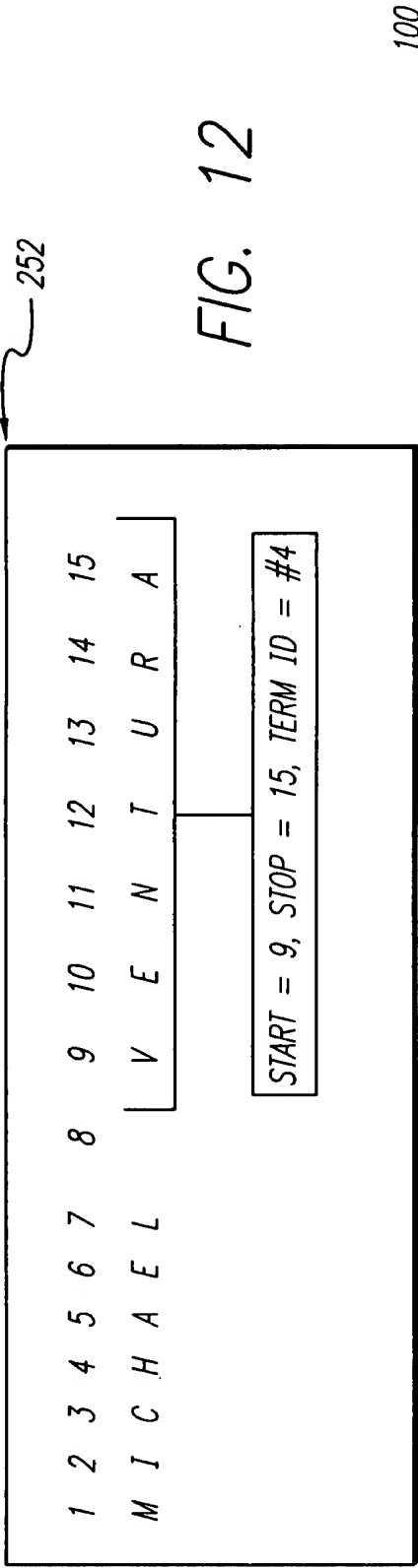


FIG. 12

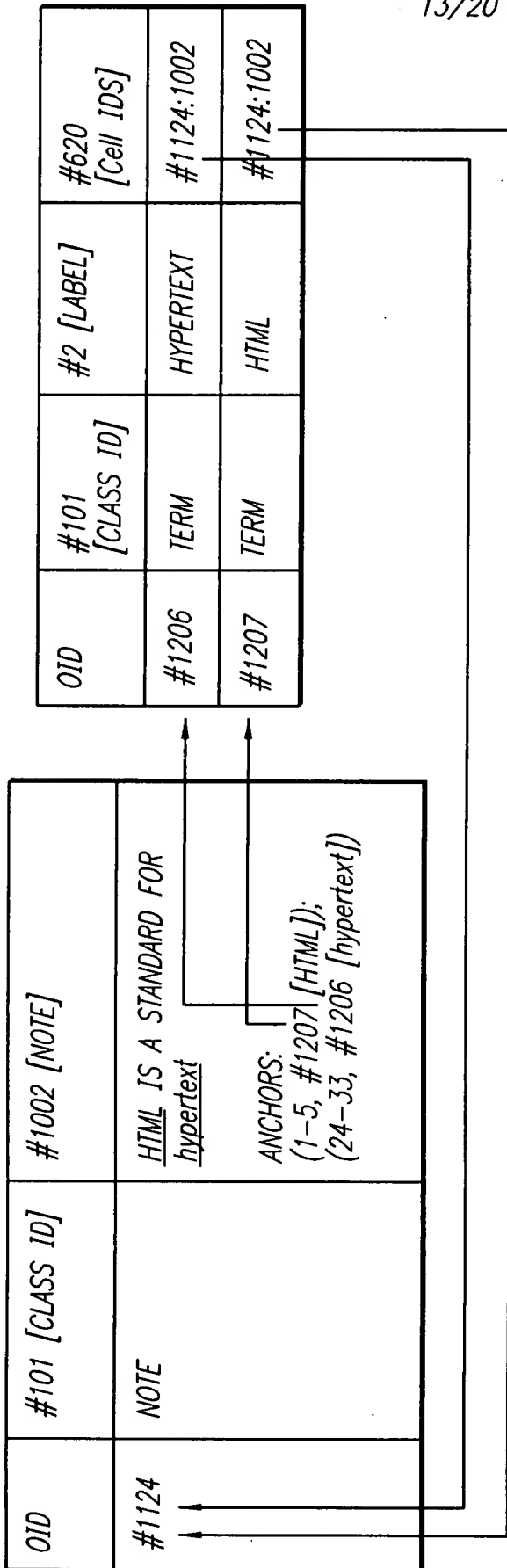
100

OID	#101 [TYPE]	#2 [LABEL]	#620 [CELL IDS]	#301 [PARENT FOLDER]	#320 [FOLDER CHILDREN]
#1206	TERM	UNION	#1124: 1002	\INDEX\NATURAL	NA
#1207	TERM	VENTURA	#2124: 1002	\INDX\NATURAL	NA
#1301	TERM	WLASCHIN	#1101: 1012	\INDEX\NATURAL	NA
#630	FOLDER	NATURAL	NA	NA	#1206; #1207; #1301

270 272 276 274 240 242 124

FIG. 13

FIG. 14



13/20

RECORD #1103

HTML is a standard for hypertext

START=1, STOP=5 RECORD ID=#1107

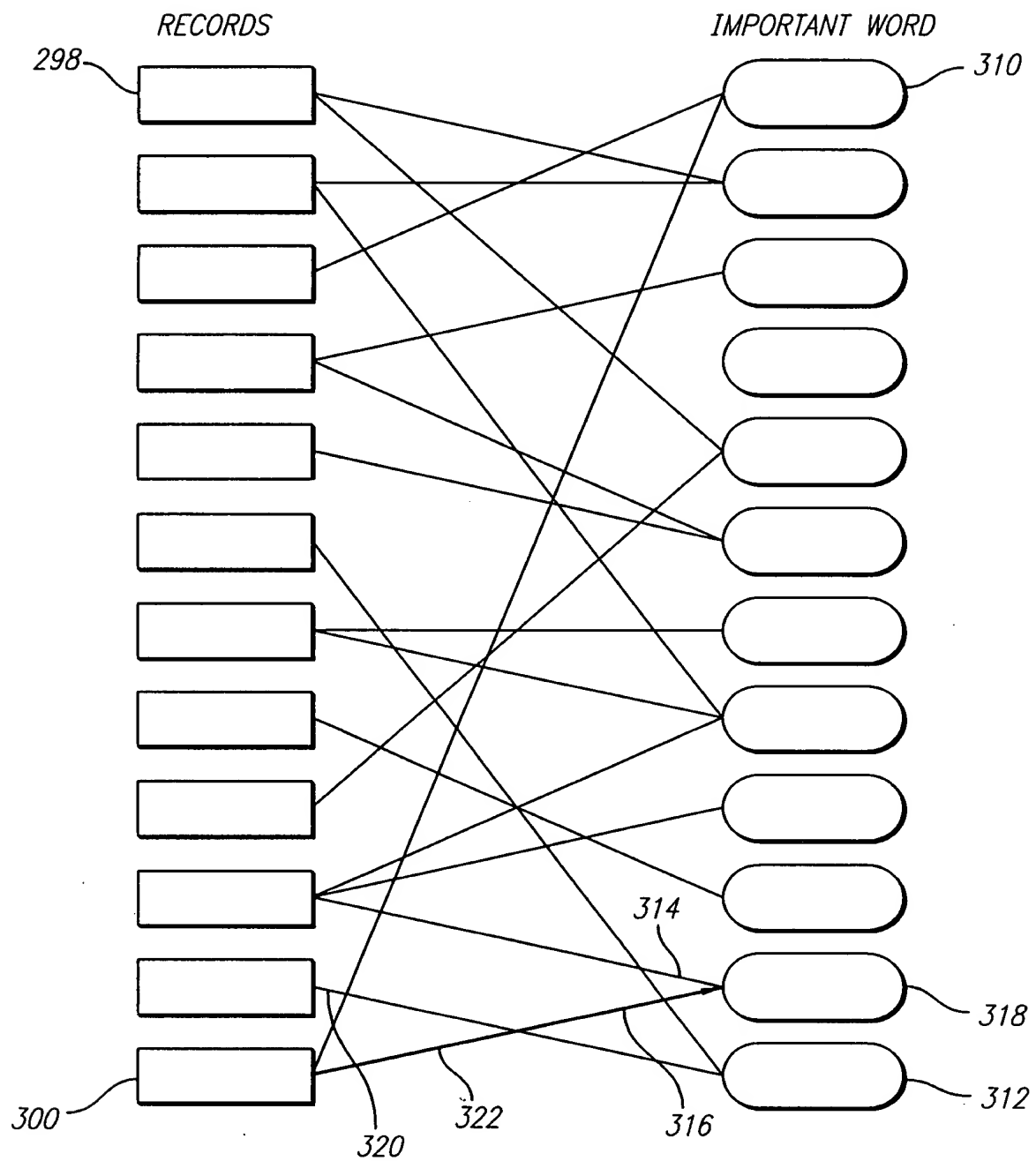
RECORD #1107

TITLE: ABOUT HTML
HTML STANDS FOR HYPERTEXT MARKUP LANGUAGE

FIG. 18

PRIOR ART

FIG. 15



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

15/20

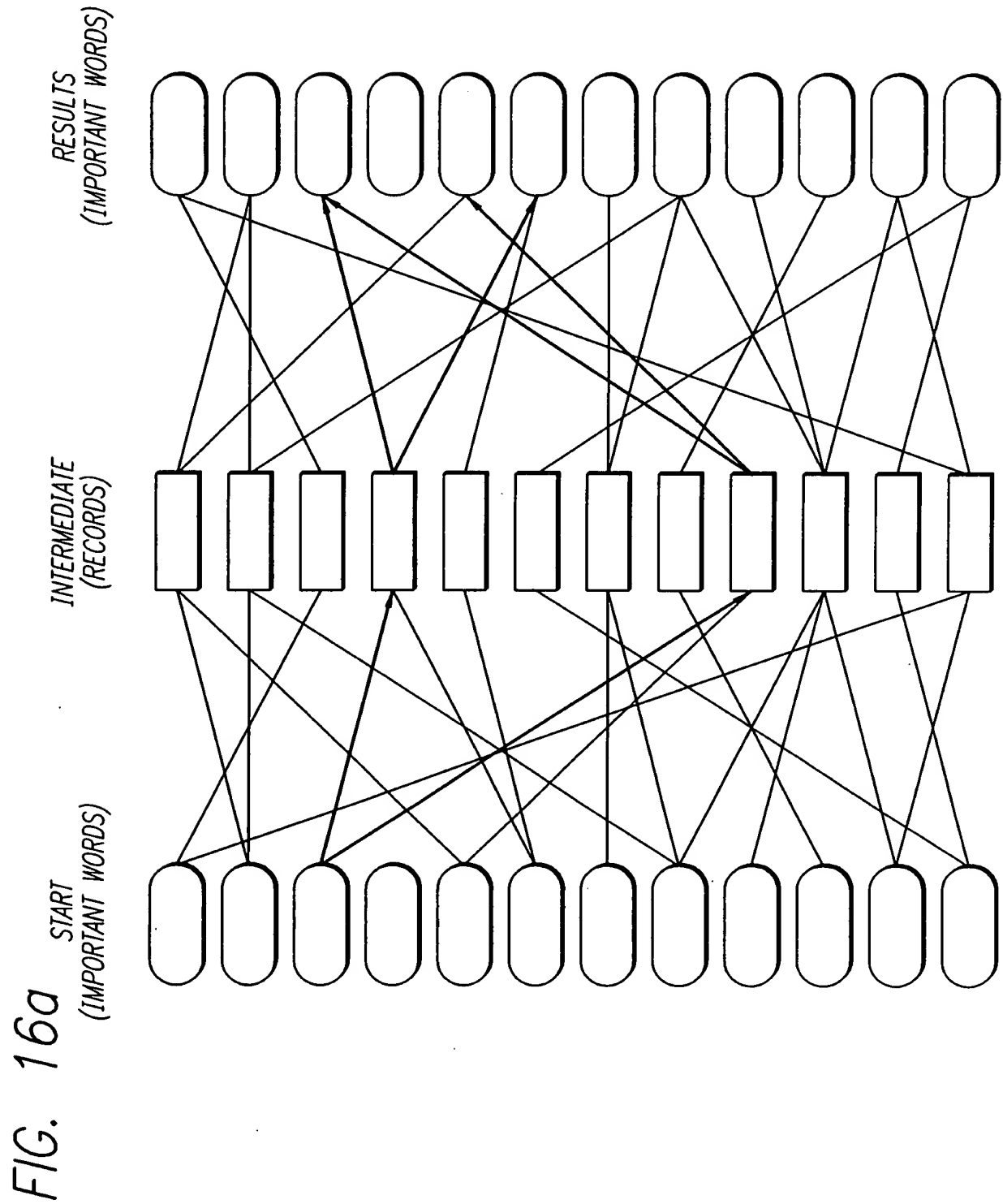


FIG. 16b

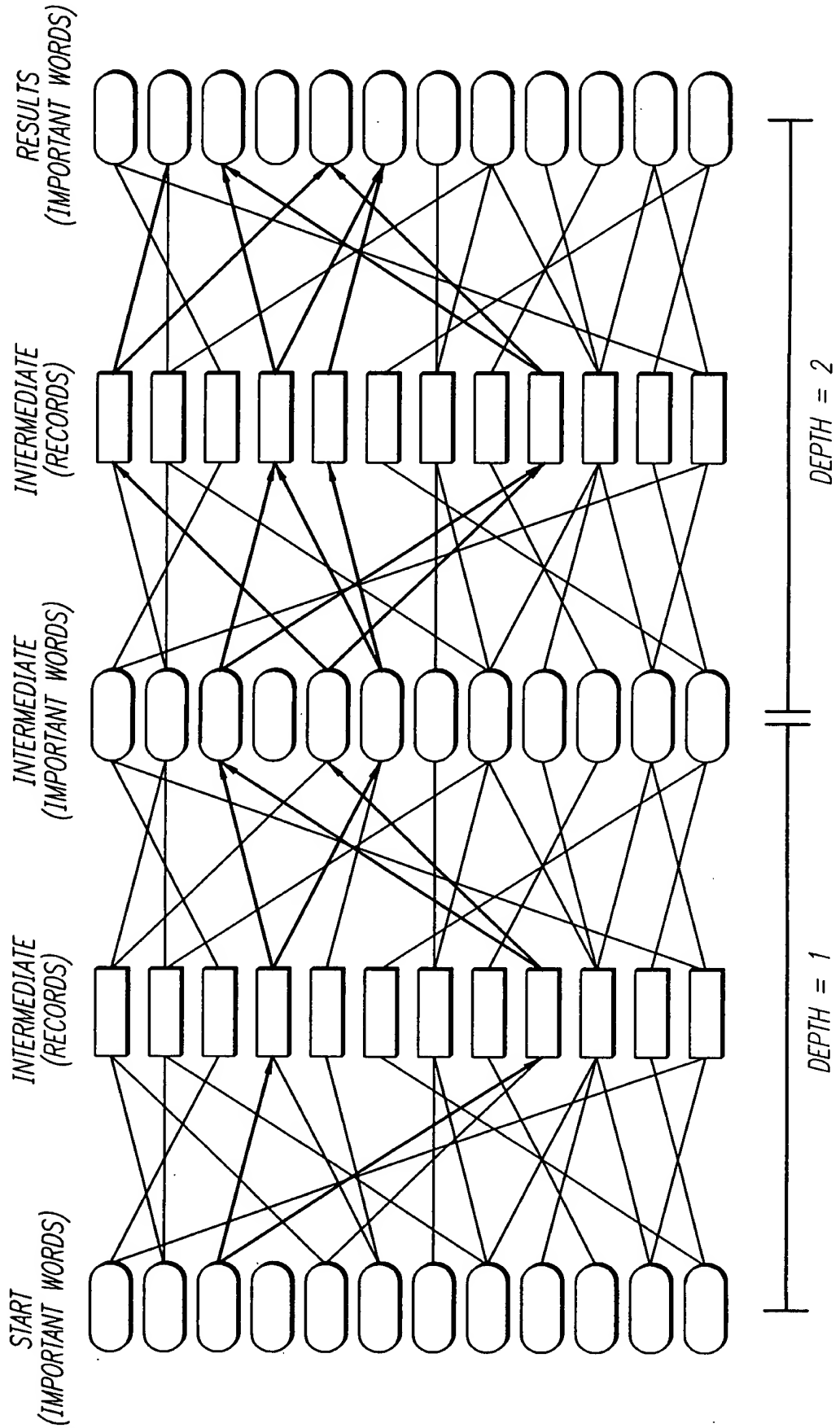


FIG. 17

OID	#101 [CLASS ID]	#2 [LABEL]	#621 [PARENT CONCEPT]	#701 [CONCEPT NAME]	#702 [SYNONYMS]	#703 [MORE SPECIFIC TERMS]	#704 [MORE GENERAL TERMS]	#705 [SEE ALSO]
1203	TERM	IBM	#1300 [IBM]					
1204	TERM	INTER- NATIONAL BUSINESS MACHINES	#1300 [IBM]					
1300	CONCEPT	IBM		#1203 [IBM]	#1203 [IBM]: #1204 [INTER- NATIONAL BUSINESS MACHINES]	#1301 [IBM PC] WEIGHT= 160%	#1303 [COMPUTER COMPANIES] WEIGHT=60%	#1302 [MICROSOFT] WEIGHT=70%
1301	CONCEPT	IBM PC			#1300 [IBM] WEIGHT=50;			
1302	CONCEPT	MICROSOFT						#1300 [IBM] WEIGHT=70%
1303	CONCEPT	COMPUTER COMPANIES					#1300 [IBM] WEIGHT=100%	

FIG. 19

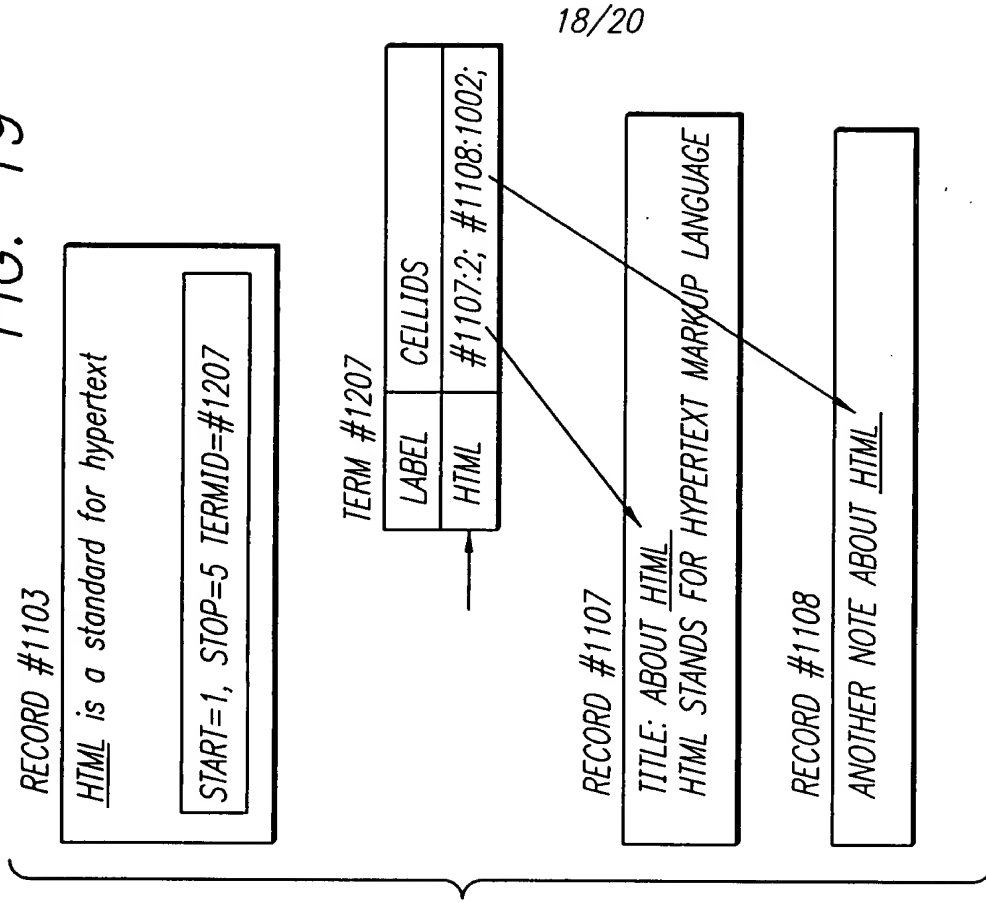


FIG. 20a

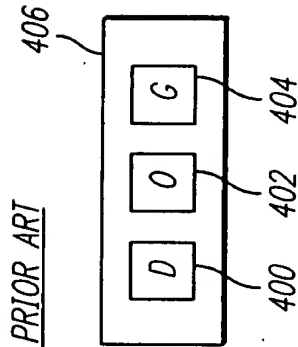


FIG. 20b

PRIOR ART

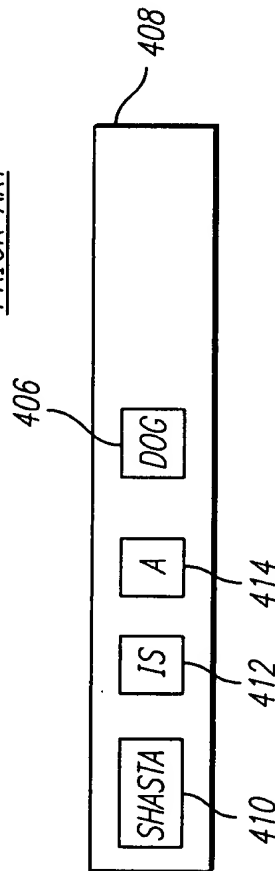


FIG. 20c

PRIOR ART

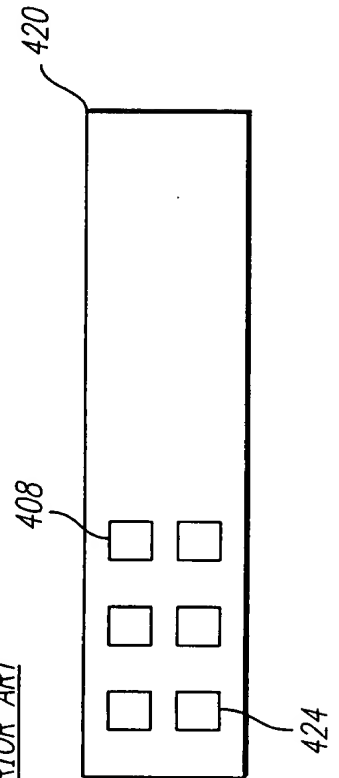
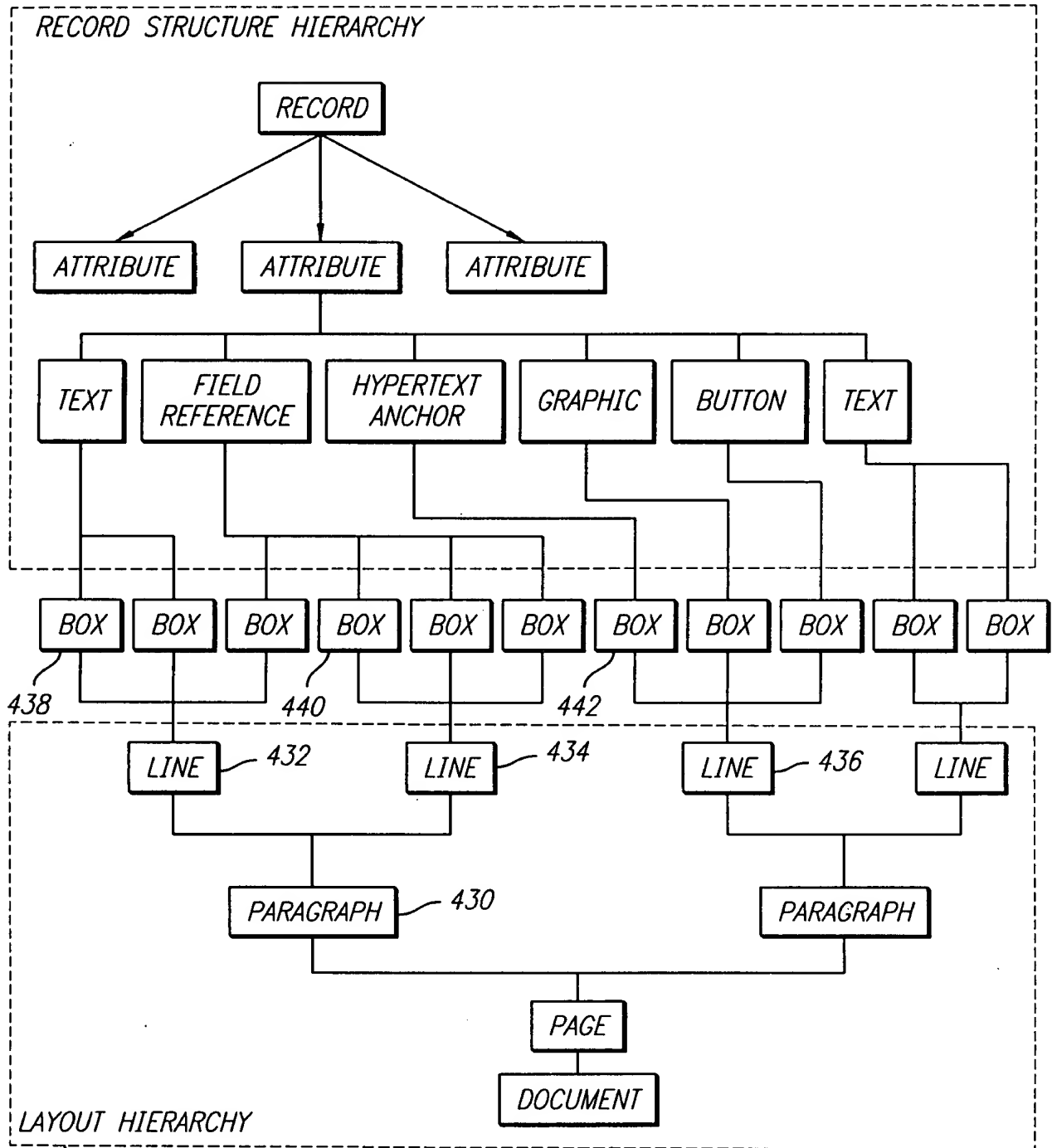


FIG. 21



20/20

FIG. 22b

KEY PHRASE	SORTED UNDER
3	3
20	20
100	100
1984	1984
THE BIG OAK	'B'-BIG
JOHN SMITH	'J'-JOHN
1984	'N'-NINETEEN EIGHTY FOUR
THE BIG OAK	'O'-OAK
100	'O'-ONE HUNDRED
1984	'O'-ONE THOUSAND NINE HUNDRED
JOHN SMITH	'S'-SMITH
3	'T'-THREE
20	'T'-TWENTY
2	'T'-TWO

FIG. 22a PRIOR ART

KEY PHRASE	SORTED UNDER
100	'1'
1984	'1', THEN '9'
20	'2', THEN '0'
3	'3'
JOHN SMITH	'J'
THE BIG OAK	'T'

FIG. 23

WHEN	COMMENT
<u>12/1/94</u>	
<u>MEET WITH JOHN NEXT MONDAY</u>	
<u>CHRISTMAS</u>	
	<u>CALL TOMORROW</u>
<u>JAN 1</u>	

IMPORTANT DATES

DEC 1
DEC 24
DEC 25
DEC 30
JAN 1